



Vermont Department of Health Laboratory

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DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Franklin CSO – St. Albans_____ DataMaster Serial #: 102806_____

Date: 11 /01 /2011_____ Requestor: Jay Sweeny_____

Instrument Supervisor: _____ Phone #: _____

Taken By: Kirk Kimball_____

Problem: Screen does not come on. _____

Laboratory Response: Will be up today _____

Work Performed: _____

11/1/11 – Arrived at FCSO – St. A to find power to the instrument but the instrument would not power on, upon troubleshooting the instrument it was found that the power supply did not have any voltage on the output side of the unit. Replaced the power supply as was witnessed by Jim Lynch and Jay Sweeny. The instrument now powered on correctly, Jay informed me of low recovery on the simulator solution. While Jim Lynch looked on I checked the temperature of the simulator it was found to be slightly low, so it was adjusted to 34.0 deg C the reading on the DataMaster DMT was now slightly above 34.0 so this was adjusted to 34.0 deg C for the reading. After this had been done the pressure was checked for the simulator, the simulator had no leaks, the O-ring was replaced. The instrument was allowed to warm up to temp. Ran Diagnostic and check-in test without any problems, instrument back in service. SH

☒ On Site ☐ In-house

Attachments: 2 pages

Performed By: Steven Harnois_____

Date: 11/1/11_____

Final Review: Kirk L. Kimball *AKK 11-2-11*

Date: 11/02/2011

DIAGNOSTIC RESULT

DataMaster DMT: 102806
Location: FRANKLIN COUNTY SO ST. AL
Calibration Date: 03/18/2011
Certification Date: 03/18/2011
Installation Date: 03/18/2011
Test Date: 11/01/2011
Time: 13:39



VERSIONS

DMT 1.05
PIC 2.06
Modem 1.06
Questions 1.00
Reports 1.02

TEMPERATURES

Sample Chamber = 48.86°C
Breath Tube = 48.09°C
Digital Sim = 33.8°C

SETTINGS

Lamp Voltage = 1.73 V
Cooler Voltage = 1.70 V
Bias Voltage = 80.2 V
Chopper Freq = 560.3 Hz

PUMP INFO

Flow Rate = 4.013 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0606	-0.0573
MIN (V)	-0.0626	-0.0589

FILTER INFO

Filter 1	-0.058	Zero = true
Filter 2	0.468	Zero = true
Filter 3	1.308	Zero = true

CALIBRATION CHECK

Xq = 0.0782 0.33%

① 11/3/11



Check-In Confirmation Test

STATE OF VERMONT

DataMaster DMT: 102806
FRANKLIN COUNTY SO ST. AL
Certification Date: 03/18/2011
Installation Date: 03/18/2011

Date: 11/01/2011
Time: 13:41:32

Subject Name: TEST P S
Date of Birth: 11/01/2011 Age: 0
Guardian Present: N
Gender: M
License #: 0000 VT

Test Operator Name: STEVEN E HARNOIS
Agency: VDHL

BLANK TEST	0.000	13:42
CALIBRATION CHECK	PASSED	13:42
SIMULATOR VAPOR	0.098	13:42
BLANK TEST	0.000	13:43
SUBJECT SAMPLE (Vol=1.7L)	0.000	13:44

All alcohol values reported in g/210L
Sim. Vapor Concentration 0.102
Sim. Vapor Range 0.097 - 0.107
Simulator Temp 33.9°C

Handwritten: 11-2-11

Handwritten: 11/3/11

